

INDEX TO VOLUME XXII.

[New generic, specific and subspecific names are printed in heavy-faced type.]

- ABERT**, John James, letters of, to John James Audubon, 172-175.
Acanthis hornemanni exilipes, 313.
 linaria, 201, 240, 313.
 linaria rostrata, 240.
Accipiter cooperi, 46, 151, 199, 382.
 velox, 46, 177, 199.
 velox rufilatus, 331, 366, 370.
Actitis macularia, 46, 134, 149, 199, 209, 367.
Actodromas fuscicollis, 199, 338.
 maculata, 145.
 minutilla, 122, 199, 338, 353.
Ægialitis hiaticula, 136, 139.
 meloda, 199.
 nivosa, 353.
 semipalmata, 199, 239, 353.
 vocifera, 13.
Aëronautes melanoleucus, 14, 383.
Agelaius phœniceus, 49, 61, 142, 201, 274.
 phœniceus bryanti, 128, 133, 358.
 phœniceus floridanus, 225.
 phœniceus fortis, 177, 225.
Agelæus, 406.
Aimophila ruficeps eremœca, 15.
 ruficeps scottii, 15, 210.
Aix sponsa, 145, 198.
Ajaia ajaia, 121.
Alauda alpestris, 173.
Alle alle, 235, 310.
Allen, Francis H., Kumlien's Gull: an addition to the Massachusetts List, 205; the White-throated Sparrow breeding in Eastern Massachusetts, 415.
Allen, Glover M., Little Blue Heron in Massachusetts, 77; summer birds of the Bahamas, 113-133.
Allen, J. A., the Loggerhead Shrike in Connecticut in winter, 211; the status of certain Swainsonian genera of birds, 400-407.
Allenia albiventris, 263, 264, 266.
Amazona æstiva, 339, 344.
 agilis, 344.
 amazonica, 339.
 augusta, 342.
 bahamensis, 124, 132.
 boqueti, 311, 343, 344.
 caymanensis, 344.
 collaria, 338, 344.
 gouldingii, 344.
 imperialis, 342, 343, 344.
 leucocephala, 338, 343, 344.
 leucocephala bahamensis, 338, 344.
 martinicana, 343, 344.
 ochroptera, 344.
 sallæi, 338, 343, 344.
 versicolor, 339, 344.
 violacea, 343, 344.
 vittata, 338, 339, 344.
American Museum of Natural History, notice of new bird groups in, 107-109.
American Ornithologists' Union, Twenty-second Congress of, 71-76; work of its Committee on Protection of North American Birds, 110-112; meeting of the Committee on the Classification and Nomenclature of North American Birds, 336; Twenty-third Congress of, 447.
Ammodramus, 400, 406, 437.
 beldingi, 17.
 bimaculatus, 406.
 caudacutus, 201.
 henslowii, 83, 201.
 henslowii occidentalis, 320.
 maritimus, 201.
 nelsoni, 210.
 sandwichensis bryanti, 441.
Ammospiza, 401, 406, 437.
Ampelis cedrorum, 6, 51, 202.
Amphispiza belli canescens, 387.
 bilineata deserticola, 15.
Anas boschas spilogaster, 331.
 boschas, 46, 169, 198, 367.
 obscura, 198.
 obscura rubripes, 319.
Anhinga, 147, 286.

- Anhinga anhinga, 147.
 Ani, 124, 355.
 Anous stolidus, 118, 353.
 Anthus pensilvanicus, 145, 204, 241, 429.
 spinoletta pensylvanica, 429.
 spraguei, 400.
 Antrostomus carolinensis, 6, 81, 155.
 notabilis, 330.
 rufus, 267, 312.
 vociferus, 48, 200.
 Aphelocoma californica, 385.
 couchi, 14.
 woodhouseii, 14, 173.
 Apteryx, The, a New England Quarterly of Natural History, noticed, 230.
 Aquila chrysaëtos, 14, 158-167, 310, 383.
 Ara ararauna, 271, 346, 347.
 brasiliensis erythrochlora, 347.
 canga, 272.
 chloroptera, 271, 272, 347.
 gaudeloupensis, 272, 348.
 hahni, 345.
 jamaicensis, 346.
 jamaicensis cyanocrocea, 346.
 macao, 271, 272, 346.
 makawuanna, 345.
 militaris, 347.
 severa, 347.
 tricolor, 271, 347, 348.
 Ara Rouge, 270, 273.
 Archibuteo lagopus sancti-johannis, 239.
 Ardea herodias, 46, 198.
 repens, 329.
 Ardetta exilis, 147, 198.
 neoxena, 77.
 Arenaria interpres, 134, 209, 339.
 Arinia boucardi, 334.
 Arremonops superciliosus chiapensis, 93.
 Arsnick, White, 121.
 Asio accipitrinus, 200.
 magellanicus occidentalis, 177.
 wilsonianus, 200.
 Astragalinus lawrencei, 386.
 psaltria hesperophilus, 386.
 tristis, 37, 49, 57, 201.
 tristis salicamans, 37.
 Audubon, John James, hitherto unpublished letter of, 170; commemoration of the one hundred and twentieth anniversary of his birth, 334.
 Audubon Societies, see National Association of.
 Auk, Great, 300-302, 323.
 Auriparus flaviceps, 15, 361.
 Avocet, 78.
 Aythya affinis, 46, 145, 198.
 americana, 169, 198.
 collaris, 409.
 marila, 198, 206.
 marila nearctica, 169.
 vallisneria, 169, 198, 429.
 BÆOLOPHUS atricristatus castaneifrons, 220.
 atricristatus sennetti, 220.
 bicolor, 144, 204.
 bicolor texensis, 220.
 inornatus, 391.
 inornatus murinus, 221.
 wollweberi, 221.
 wollweberi annexus, 221.
 Bailey, Florence Merriam, notes from northern New Mexico, 316.
 Baldpate, 198.
 Bananaquit, Bahama, 359.
 Bangs, Outram, the Cuban Crab Hawk, *Urubitinga gundlachii* (Cabanis), 307-309; notice of papers by, describing new American birds, 329. See also Thayer, John E.
 Bangs, Outram, and W. R. Zappey, notice of their 'Birds of the Isle of Pines,' 329.
 Bartramia longicauda, 145, 199, 420.
 Basileuterus belli, 299.
 culicivorus brasheri, 299.
 Bellona, 436.
 cristatus, 215.
 cristatus cristatus, 216.
 cristatus emigrans, 216.
 Bird, American Tropic, 350.
 Banana, 128.
 Cedar, 44, 202.
 Cocoanut, 128.
 Egg, 118.
 Indigo, 44, 120.
 Legaut's Giant, 446.
 Man-o'-War, 120, 351, 408.
 Molasses, 265.
 Paisano, 14.
 Yellow-billed Tropic, 119, 408.
 Birds of Prey, decrease of, 29.
 Bishop, Louis B., the status of *Helminthophila leucobronchialis* and *Helminthophila lawrencei*, 21-24; the Gray Sea Eagle (*Haliaeetus albicilla*) in British Colum-

- bia, 79; the direction of flight in the fall migration at New Haven, Conn., 372-378.
- Bitlin, 121.
- Bittern, 121.
American, 198.
Cory Least, 77.
Least, 147, 198, 286.
- Blacicus bahamensis, 127, 133, 356.
- Blackbird, Brewer, 61, 369, 385.
California, 61.
Red-winged 26, 43, 45, 49, 61, 142, 201, 274, 287.
Rusty, 420.
Yellow-headed, 62, 369.
- Bluebill, 206.
- Bluebird, 30, 44, 54, 205, 284, 288, 306, 374, 375, 376.
Mexican, 174.
Mountain, 368, 370.
Western, 175, 368, 371, 391.
- Bobolink, 3, 6, 30, 49, 200, 421.
- Bob-white, 25, 40, 44, 46, 141, 149, 199, 217, 262, 286.
Bahama, 352.
New Providence, 122.
- Bonasa umbellus, 46, 199.
- Booby, 119, 330.
- Botaurus lentiginosus, 198.
- Boucard, Adolphe, biographical notice of, 332.
- Bowdish, B. S., ornithology of a churchyard, 302-306.
- Bradley, Guy M., notice of death of, 442.
- Braislin, William C., Avocet (*Recurvirostra americana*) in New Jersey, 78; notes concerning certain birds of Long Island, N. Y., 167-169.
- Brant, 198, 238.
- Branta bernicla, 198, 238, 408.
canadensis, 198, 237.
canadensis hutchinsii, 237.
canadensis minima, 238.
- Breninger, Geo. F., are the habits of birds changing? 360-363; the Yellow-billed Tropic Bird near Phoenix, Arizona, 408; the English Sparrow at Tuscon, Arizona, 417.
- Brewster, William, notes on the breeding of Bachman's Warbler, *Helminthophila bachmanii* (Aud.) near Charleston, South Carolina, with a description of the first plumage of the species, 392-394.
- Bridge, Lidian E., Northern Pileated Woodpecker in Massachusetts, 414.
- Brooks, Allan, Clay-colored Sparrow in the Cariboo District, British Columbia, 83; notes on the nesting of the Varied Thrush, 214.
- Brotogerys tui, 310.
- Brownson, W. H., the first Hooded Warbler taken in Maine, 85; Myrtle Warbler at Cape Elizabeth, Maine, in January, 1905, 418.
- Bruner, Lawrence, and Robert H. Wolcott and Myron H. Swenk, notice of their 'A Preliminary Review of the Birds of Nebraska,' 94.
- Bryan, Wm. Alanson, notice of his 'A Monograph of Marcus Island,' 98.
- Bryant, Walter E., announcement of death of, 332; biographical notice of, 439-441.
- Bubo virginianus, 47, 154, 200.
- Budytes flavus alascensis, 429.
- Buffle-head, 198.
- Buller, Sir Walter L., announcement of supplemental volumes to his 'Birds of New Zealand,' 335.
- Bullfinch, Bahama, 360.
- Bunting, Indigo, 5, 44, 51, 111, 120, 143, 278, 288, 304.
Lazuli, 370, 389.
Painted, 7, 145, 276, 288.
Varied, 15.
- Burgomaster, 236.
- Bush-tit, California, 67, 381, 391.
Lead-colored, 15.
Lloyd, 15.
- Bussard, 260.
- Buteo albicaudatus, 79.
antillarum, 228, 260.
borealis, 46, 151, 199, 260.
borealis calurus, 382.
lineatus, 141, 152, 199.
lineatus alleni, 141.
platypterus, 152, 199.
swainsoni, 371, 382.
- Butorides bahamensis, 121.
virescens, 145, 148, 198, 420.
virescens bahamensis, 352.
virescens maculata, 101.
- Butterfield, J. Ruskin, review of his 'Remarks upon some theories in regard to the Migration of Birds' 325-328.

- Buzzard, Turkey, 14, 78, 141, 151,
210, 331.
West Indian, 260.
- CALCARIUS lapponicus, 241.
- Calidris alba, 223.
arenaria, 199, 239.
- Callichelidon cyaneoviridis, 129,
358.
- Callipepla californica, 410.
squamata, 13, 172.
- Callothrus robustus, 331.
- Calospiza florida, 334.
guttata, 334.
lavinia cara, 329.
- Calypte anna, 384.
- Cameron, E. S., Sabine's Gull in
Montana, 76; nesting of the
Golden Eagle in Montana, 158-
167; Hoary Redpoll in Montana,
313.
- Campephilus principalis, 155, 414.
- Cardellina rubrifrons, 299.
- Cardinal, 90, 111, 143, 202, 211, 277,
287, 421.
- Cardinalis cardinalis, 143, 202, 211,
277, 421.
- Carpodacus cassini, 366, 385.
mexicanus frontalis, 14, 362,
385, 421, 422.
purpureus, 49, 201.
- Carpophaga, 228.
- Cassinia, see Delaware Valley Orni-
thological Club.
- Catbird, 7, 44, 52, 61, 132, 144, 204,
282, 288, 305.
- Catharista urubu, 141, 151.
- Catharopeza bishopi, 266.
- Cathartes aura, 14, 78, 123, 132, 151,
199, 354, 382, 413.
aura septentrionalis, 331.
- Catherpes mexicanus conspersus,
15.
mexicanus poliocephalus, 24.
mexicanus punctulatus, 390.
- Catrophorus semipalmatus, 353.
- Centurus blakei, 126, 132.
carolinus, 142, 155, 200.
superciliaris nyeanus, 355.
- Ceophlœus pileatus, 142, 155.
pileatus abieticola, 48, 200,
414.
- Cephus mandti, 235.
- Cerchneis sparveria caribæarum,
101.
sparveria loquacula, 101.
- Certhia americana zelotes, 391.
- Certhia familiaris americana, 53,
179-193, 204.
- Ceryle alcyon, 6, 47, 69, 145, 154,
200, 370.
stictipennis, 266, 311.
- Chadbourne, Arthur P., nesting
habits of the Brown Creeper as
observed in Plymouth County,
Massachusetts, with description
of a nest from North Scituate,
179-183.
- Chætura pelagica, 48, 142, 156, 200.
- Chamæa fasciata, 391.
- Chapman, Frank M., notice of his
'A Contribution to the Life His-
tory of the American Flamingo
(*Phœnicopterus ruber*),' 426.
- Charadriola singularis, 103.
- Charadrius dominicus, 134, 208, 239.
- Charitonetta albeola, 198.
- Charitospiza, 401, 405, 436.
- Chat, Yellow-breasted, 204, 281,
288, 295.
- Chaulelasmus streperus, 207, 409.
- Chebec, 420.
- Chen cærulescens, 237.
hyperborea, 237.
hyperborea nivalis, 198.
- Chenorhamphus, 436.
- Chick, Two-Peny, 259.
- Chickadee, Black-capped, 40, 53,
305.
Carolina, 144, 204, 283, 288.
Hudsonian, 85, 87.
Mountain, 367, 381, 391.
- Childs, John Lewis, see 'The
Warbler.'
- Chondestes grammacus.
grammacus strigatus, 15, 386.
- Chordeiles acutipennis texensis, 14.
virginianus, 5, 11, 14, 48, 156,
200.
virginianus chapmani, 6.
virginianus vicinus, 126, 133,
355.
- Chrysolampis, 436.
- Chuck-wills-widow, 6, 81, 155, 287.
- Cinchlerminia sanctæ-luciæ, 266.
- Cincloerthia sp., 262.
ruficauda tenebrosa, 266.
- Cinclus mexicanus, 221.
mexicanus unicolor, 221.
- Circus hudsonius, 46, 199.
- Cistothorus stellaris, 88, 204, 224.
- Clangula clangula americana, 198,
206.
- Claravis pretiosa, 329.
pretiosa livida, 329.

- Clark, Austin H., a correction, 79; the migration of certain Shore Birds, 134-140; Shore Birds eating small fish, 208; the Crab Hawk (*Urubitinga*) in the Island of St. Lucia, W. I., 210; a supposed specimen of the Yellow Warbler (*Dendroica aestiva*) from Grenada, West Indies, 212; an unrecognized subspecies of *Beltona cristatus*, 215; notice of his descriptions of new birds from St. Vincent, etc., 228; extirpated West Indian birds, 259-266; the Lesser Antillean Macaws, 266-273; the genus *Conurus* in the West Indies, 310-312; the former status of the Flamingo and Fish Hawk in the Lesser Antilles, 318; the West Indian Parrots, 337-344; the Greater Antillean Macaws, 345-348; the Redstart (*Setophaga ruticilla*) a resident in Dominica, West Indies, 419.
- Clark, Hubert Lyman, review of his paper on 'The Limits of Difference in Specific and Subspecific Distinctions,' 429-434.
- Coccothraustes vespertina, 440.
- Coccyzus americanus, 6, 47, 154, 200.
dominicæ, 101.
erythrophthalmus, 6, 47, 82, 200, 420.
minor, 6.
minor maynardi, 355.
minor shelleyi, 101.
- Cœreba atrata, 265.
bahamensis, 130, 133, 359.
gorgonæ, 330.
saccharina, 265.
wellsi, 265.
- Colaptes auratus, 48, 142, 155, 362, 421.
auratus luteus, 200.
cafer, 173.
cafer collaris, 362, 365, 366, 383.
- Colinus bahamensis, 122, 132.
virginianus, 46, 141, 148, 199, 262.
virginianus bahamensis, 352.
- Columba cinerea, 329.
fasciata, 13, 382.
leucocephala, 122, 133, 354.
sp., 412.
squamosa, 210, 261, 329.
- Columbigallina passerina bahamensis, 123, 133, 354.
- Columbigallina passerina trochila, 101.
- Colvin, W. S., the Chuck-will-widow in Kansas, 81.
- Colymbus auritus, 45, 197, 206.
dominicus, 350.
holbœlli, 407.
- Comey, Arthur C., some Massachusetts records of interest, 420.
- Compsothlypis americana, 1, 3, 203, 297.
americana ramelinæ, 144, 212.
americana usneæ, 84, 418.
- Conopotheras, 436.
- Contopus ochraceus, 334.
richardsoni, 366, 384.
virens, 5, 48, 142, 157, 200.
- Conurus æruginosus, 311, 312.
euops, 310, 311.
pertinax, 312.
- Cooke, Wells W., routes of Bird Migration, 1-11; notice of his 'Distribution and Migration of North American Warblers,' 91; the winter ranges of the Warblers (Mniotiltidæ), 296-299.
- Coot, American, 199.
Blue-pated, 260.
Red-pated, 261.
White-pated, 261.
- Cormorant, Double-crested, 197.
Florida, 119.
Mexican, 350.
- Corvus americanus, 14, 83, 273.
brachyrhynchos, 49, 142, 200, 312.
brachyrhynchos hesperius, 221.
caurinus, 221.
cryptoleucus, 14.
corax clarionensis, 221.
corax principalis, 82, 240, 312.
ossifragus, 142, 200.
- Coturniculus, 401, 406, 437.
henslowii, 398, 416.
savannarum passerinus, 201.
- Counseiller, 264.
- Counseller, 264.
- Cowbird, 14, 40, 44, 49, 57, 142, 201, 318, 374, 375.
Red-eyed, 331.
- Cowheens, 206.
- Cractes, 220.
- Craik à tête violette, 341.
- Crane, Little Brown, 238.
Sandhill, 323.
- Creeper, Bahama Honey, 130.

- Creeper, Brown, 44, 53, 179-193,
204, 305.
Honey, 115.
Sierra, 391.
Yellow-breasted Honey, 265.
- Crick à tête violette, 341.
- Crossbill, American, 49, 177, 201.
Sierra, 385.
White-winged, 176, 177.
- Crotophaga ani, 124, 132, 355.
- Crow, American, 14, 44, 49, 83, 142,
200, 273, 287.
Fish, 142, 200, 312.
Long-tailed, 124.
- Crymophilus fulvicartus, 238.
- Crypturus soui mustelinus, 329.
- Cuckoo, Bahama Lizard, 355.
Black-billed, 44, 47, 82, 200,
286, 420.
Maynard, 355.
Yellow-billed, 6, 44, 47, 154,
200.
- Curlew, Hudsonian, 239.
Long-billed, 28.
- Cyanerpes gigas, 330.
- Cyanocitta cristata, 49, 81, 82, 158,
200, 273.
cristata florincola, 142.
stelleri borealis, 221.
stelleri carbonacea, 221.
stelleri frontalis, 366, 385.
- Cyanospiza amœna, 370, 389.
ciris, 7, 145.
cyanea, 5, 51, 143, 202.
versicolor, 15.
- Cyrtonyx montezumæ mearnsi, 13.
- DACNIS cayana callaina, 329.
- Dafila acuta, 169, 198.
- Daniel, J. W., Jr., breeding of Wil-
son's Thrush (*Hylocichla fusces-
cens*) in Virginia, 214.
- Dasyptilus, 436.
- Davis, C. Abbott, see 'The Ap-
teryx.'
- Deane, Ruthven, William Swain-
son to John James Audubon (a
hitherto unpublished letter), 31-
34; additional record of the Eu-
ropean Widgeon (*Mareca pen-
elope*), 76; the Turkey Buzzard
(*Cathartes aura*) in Maine, 78; a
hitherto unpublished letter of
John James Audubon, 170-171;
John James Abert to John James
Audubon (hitherto unpublished
letters), 172-175; two additional
records of the European Widgeon
(*Mareca penelope*), 206; a correc-
tion, 210; William Swainson to
John James Audubon (hitherto
unpublished letters), 248-258;
hybridism between the Shoveller
and Blue-winged Teal, 321; a
brood of albino Spoonbill Ducks
(*Spatula clypeata*), 408; the Ruff
(*Pavoncella pugnax*) in Indiana,
410.
- Delaware Valley Ornithological
Club, notice of 'Proceedings'
of ('Cassinia'), for 1904, 224.
- Dendragopus obscurus sierræ, 365,
366, 382.
- Dendrocolaptes procurvus, 404.
- Dendroica æstiva, 4, 5, 52, 144, 203,
212, 297, 413.
æstiva morcomi, 367.
æstiva sonorana, 297.
auduboni, 297, 365, 367, 390.
auduboni nigrifrons, 297, 419.
blackburniæ, 6, 11, 52, 178,
203, 298, 416, 418.
bryanti castaneiceps, 297.
cærulescens, 6, 52, 178, 203,
297, 318, 418.
castanea, 3, 6, 80, 203, 297.
cerulea, 3, 6, 11, 203, 297.
chrysoparia, 298.
coronata, 7, 52, 144, 178, 203,
297, 417, 418.
discolor, 89, 203, 298, 358.
dominica, 130, 203, 298, 358.
dominica albiflora, 144, 298.
graciæ, 298.
kirtlandi, 52, 298, 314.
maculosa, 5, 297, 418, 420.
nigrescens, 297, 390.
occidentalis, 298.
olivacea, 297.
palmarum, 298.
palmarum hypochrysea, 203,
298.
pennsylvanica, 2, 3, 6, 52, 203,
297, 418.
petechia, 212.
petechia flaviceps, 130, 133,
358.
pityophila bahamensis, 130,
133, 358.
ruficapilla, 213.
rufigula, 266.
striata, 6, 203, 297, 420.
subita, 101.
tigrina, 297.

- Dendroica townsendi*, 298.
 vigorsii, 178, 203, 298.
 vigorsii abacoensis, 131, 133,
 358.
 vigorsii achrustera, 131, 133,
 358.
 virens, 5, 52, 203, 298, 418.
Dendrornis, 400, 404, 437.
Dennis, D. W., capture of the Kirt-
land Warbler near Richmond,
Ind., 314.
Deroptylus accipitrinus, 341, 342.
Dichromanassa rufescens, 121.
Dickcissel, 5, 278, 288.
Diomedea immutabilis, 99.
Dolichonyx oryzivorus, 3, 6, 49,
200.
Doricha evelynæ, 127, 133, 355.
Dove, Bahama Ground, 123, 354.
 Mourning, 14, 28, 37, 44, 46,
 150, 199, 286, 354, 382.
 Tobacco, 123.
 Turtle, 199.
 Wood, 123.
 Zenaida, 123, 354.
Dovekie, 235, 310.
Dowitcher, 199.
Dromæus, 436.
Dromiceius, 436.
Dryobates nuttalli, 383.
 pubescens, 142, 155.
 pubescens medianus, 47, 200.
 scalaris bairdi, 14.
 villosus, 47, 200.
 villosus auduboni, 125, 142.
 villosus hyloscopus, 365, 383.
 villosus leucomelas, 177.
 villosus maynardi, 125, 132,
 355.
 villosus piger, 124, 132.
Dubois, Alphonse, notice of the
concluding parts (XIII-XVI) of
his 'Synopsis Avium', 102.
Duck, American Golden-eye, 198,
206.
 Bahama, 120, 352.
 Baldpate, 198.
 Black, 27, 198.
 Buffle-head, 198.
 Canvas-back, 169, 198, 421.
 Dusky, 321.
 Eider, 27.
 Labrador, 323.
 Lesser Scaup, 46, 198.
 Old-squaw, 198, 206.
 Pintail, 198, 321.
 Redhead, 169, 198.
 Red-legged Black, 319.
 Duck, Ring-necked, 409.
 Ruddy, 198.
 Scaup, 169, 198, 206.
 Shoveller, 198, 321, 409.
 Spoonbill, 408.
 Surf, 27.
 Wood, 27, 145, 198.
Dutcher, William, work of the A.
O. U. Committee on the Protec-
tion of North American Birds,
110-112; notice of his 'Report
of the National Association of
Audubon Societies,' 225; bio-
graphical notice of Guy M. Brad-
ley, 443.
Dwight, Jonathan, Jr., plumage
wear in its relation to pallid sub-
species, 34-38.
Dyke, Arthur C., rare Ducks near
Bridgewater, Mass., 409.
Dyspetornis, 436.
EAGLE, Bald, 44, 46, 152, 199, 286.
 Golden, 14, 158-167, 170, 310,
 383.
 Gray Sea, 79.
Egret, American, 198, 319, 351.
 Reddish, 121.
Eider, Greenland, 237.
 King, 198, 237, 409.
Eifrig, C. W. G., ornithological
results of the Canadian 'Nep-
tune' Expedition to Hudson Bay
and Northward, 233-241; the
Golden Eagle (*Aquila chrysaetos*)
near Ottawa, 310; nesting of the
Raven (*Corvus corax principa-
lis*) at Cumberland, Md., 312; a
one-legged Crow (*Corvus bra-
chyrrhynchos*), 312; an unusual
abundance of the Canada Jay
(*Perisoreus canadensis*) in and
near Ottawa, Ont., 313; a curi-
ous anomaly in the White-
throated Sparrow (*Zonotrichia
albicollis*), 313; the Migrant
Shrike (*Lanius ludovicianus mi-
grans*) at Ottawa, Ont., 314.
Empidonax atriceps, 334-
 flaviventris, 10.
 fulvifrons fusciceps, 93.
 minimus, 5, 11, 49, 420.
 traillii alnorum, 5, 11.
 virescens, 2, 3, 5, 142, 157,
 200, 423.
English names of American Birds,
446.
Eremophila, 429.

- Eremophilus, 429.
 Ereunetes occidentalis, 199.
 pusillus, 199, 239.
 Ergaticus ruber, 299.
 Erismatura jamaicensis, 169, 198.
 Euetheia, 401, 405.
 Eulampis, 436.
 Euphagus carolinus, 201, 420.
 cyanocephalus, 61, 385.
 Euphema, 436.
 Euphonia flavifrons viscivora, 228.
 FALCO anthracina, 307.
 columbarius, 177, 200, 260.
 islandus, 239.
 peregrinus anatum, 199, 239.
 rusticolus, 413.
 rusticolus obsoletus, 239.
 sparverius, 47, 153, 200.
 sparverius phalæna, 35, 320.
 sp. ?, 124.
 Falcon, Prairie, 383.
 Farley, J. A., *Rallus elegans* and
Ionornis martinicana in Massa-
 chusetts, 409.
 Felger, A. H., two records for Col-
 orado, 421.
 Ficedula, 436.
 Fillymingo, 120.
 Finch, Cassin Purple, 366, 381, 385.
 House, 14, 362, 385, 421, 422.
 Purple, 49, 201.
 Fisher, W. K., biographical notice
 of Walter E. Bryant, 439-441.
 Flamingo, American, 107, 120, 318,
 351, 426.
 Fleming, James H., an unusual mi-
 gration of Ducks in Ontario, 206.
 Flicker, 26, 40, 43, 44, 48, 142, 155,
 200, 287, 362, 374, 375, 376,
 421.
 Red-shafted, 173, 362, 365,
 366, 383.
 Florida cærulea, 76, 77, 141, 148,
 319.
 cærulea cærulescens, 101.
 Flycatcher, Alder, 5, 11.
 Ash-throated, 14, 361, 384.
 Crested, 5, 11, 39, 44, 48, 142,
 157, 200, 287.
 Green-crested, 2, 3, 5, 142,
 157, 200, 287, 423.
 Least, 5, 11, 44, 49, 304.
 Least Bahama, 127, 133.
 Olive-sided, 5, 10, 44, 48, 366,
 384, 397.
 Rufous-tailed, 127.
 Yellow-bellied, 5, 10.
 Forbush, Edward Howe, the de-
 crease of certain birds in New
 England, 25-31; notice of his
 'Special Report' on decrease of
 birds, 437.
 Fregata aquila, 120, 351, 408.
 Fringilla caudacuta, 406.
 ornata, 405, 436.
 Frothingham, Earl H., see Wood,
 Norman A.
 Fulica americana, 199, 261.
 caribæa, 261.
 Fulmar, 236.
 Fulmarus glacialis, 236.
 GADWALL, 207, 321, 409.
 Gale, Denis, biographical notices
 of, 422, 442.
 Galeoscoptes carolinensis, 7, 52, 61,
 144, 204, 282, 318, 423.
 Gallinago delicata, 141, 199.
 Gallinula galeata, 199, 261.
 Gallinule, Florida, 199.
 Purple, 89, 259, 260, 319, 409.
 Gavia arctica, 234.
 imber, 197, 395.
 lumme, 88, 197, 235, 395.
 Geochelidon nilotica, 352.
 Geococcyx californianus, 14.
 Geothlypis agilis, 6, 89, 178, 298.
 beldingi, 298, 440.
 formosa, 3, 6, 11, 144, 204,
 298.
 incompta, 131, 359.
 maynardi, 358.
 philadelphia, 2, 3, 6, 11, 178,
 204, 298.
 poliocephala, 298.
 tanneri, 131, 133, 358.
 tolmiei, 298.
 trichas, 52, 144, 204, 281, 298.
 trichas arizela, 298.
 trichas brachidactyla, 7, 298.
 trichas ignota, 298.
 trichas occidentalis, 298.
 trichas sinuosa, 298.
 Geotrygon martinica digressa, 329.
 montana, 262.
 Gifford, Edward Winslow, *Fregata*
aquila at San Pablo Bay, Califor-
 nia, 408.
 Gill, Theo., Swainson and Audu-
 bon, 218.
 Gnatcatcher, Bahama, 132, 357.
 Blue-gray, 53, 87, 145, 204,
 284.
 Plumbeous, 15.
 Western, 381, 391.

- Gnathosittaca, 436.
Godwit, Hudsonian, 169.
Golden-eye, 198, 206.
Goldfinch, American, 31, 44, 49,
57, 201.
Green-backed, 386.
Lawrence, 386.
Goonies of Marcus Island, 99.
Goose, Cackling, 238.
Canada, 198, 237.
Greater Snow, 198.
Hutchins, 237.
Lesser Snow, 237.
Grackle, Boat-tailed, 143, 276, 287.
Bronzed, 49.
Florida, 143.
Purple, 201, 275, 287, 419.
Rusty, 201, 420.
Grassquit, Bahama, 128, 360.
Grebe, 27.
Holbøll's, 407.
Horned, 45, 197, 206.
Pied-billed, 45, 147, 197, 259,
286.
St. Domingo, 350.
Grinnell, Joseph, where does the
Large-billed Sparrow spend the
summer? 16-21; summer birds
of Mount Pinos, California, 378-
391.
Grive, 262.
Grosbeak, Black-headed, 389, 422.
Blue, 5, 202, 277, 287.
Purple, 128.
Rose-breasted, 5, 30, 39, 44,
50, 95, 202.
Western Blue, 15, 82.
Grouse, Canada, 44.
Columbian Sharp-tailed, 161,
163.
Northern Sharp-tailed, 176,
177.
Ruffed, 26, 40, 44, 46, 199.
Sage, 164.
Sierra, 365, 366, 381, 382.
Spruce, 44.
Grus canadensis, 238.
nesiotes, 329.
Guara alba, 266.
Guillemot, Black, 110.
Mandt, 235.
Guiraca cærulea, 5, 202, 277.
cærulea lazuli, 15, 82.
Gull, Bonaparte, 197.
Burgomaster, 236.
Glaucous, 236.
Great Black-backed, 168, 236.
Gull, Herring, 110, 168, 197, 236.
Ivory, 235.
Kumlien, 168, 205.
Laughing, 110, 111, 117, 145,
352.
Ring-billed, 141, 168, 197.
Sabine, 76, 236.
Gullie, 117.
Gymnogyps californianus, 382.
Gyrfalcon, Black, 239.
Gray, 413.
White, 239.
HÆMATOPUS palliatus, 354.
prattii, 354.
Hagmann, G., notice of his 'As
Aves Brasilicas,' etc., 226.
Haliaëtus albicilla, 79.
leucocephalus, 47, 152, 199.
Harelda hyemalis, 198, 206, 236.
Hartert, Ernst, notice of his 'Die
Vögel die paläarktischen Fauna,'
Heft II, 428.
Harvie-Brown, J. A., and H. A.
Macpherson, notice of their 'A
Fauna of the Northwest High-
lands and Skye,' 223.
Hawk, American Rough-legged,
239.
American Sparrow, 36, 40,
44, 46, 153, 200, 286, 383.
Broad-winged, 152, 199, 286.
Cooper, 46, 151, 199, 286, 375,
382.
Crab, 210.
Cuban Crab, 307-309.
Duck, 199, 239.
Fish, 47, 319.
Marsh, 43, 44, 46, 199, 374.
Pigeon, 176, 177, 200.
Sharp-shinned, 46, 177, 199,
331, 374, 375, 376.
Swainson, 371, 381, 382.
Red-shouldered, 141, 152, 199,
286.
Red-tailed, 46, 151, 199, 286.
Western Red-tail, 382.
Western Sharp-shinned, 366,
370.
Western Sparrow, 320.
Hedymela, 436.
Heleodytes brunneicapillus, 15.
brunneicapillus bryanti, 441.
Helinaia swainsonii, 144.
Helminthophila, 401, 405, 437.
bachmani, 85, 392, 394, 399.
celata, 242, 417.

- Helminthophila celata* var. *lutescens*, 245.
celata var. *obscura*, 242.
celata sordida, 245.
chrysoptera, 3, 5, 10, 21, 423.
lawrencei, 21-24.
leucobronchialis, 21-24, 417.
luciae, 360.
peregrina, 5, 52, 82, 420.
pinus, 5, 10, 21, 203.
rubricapilla, 416.
ruficapilla, 51.
Helmitheros vermivorus, 2, 3, 7, 202, 399.
Helodromas solitarius, 46, 141, 199, 209.
 Hen, Heath, 323.
 Marsh, 122.
 Henderson, Junius, the Blue Jay at Yuma, Colorado, 82; notice of his 'Additional List of Boulder County [Colorado] Birds,' 93; Colorado notes, 421.
 Henshaw, H. W., note on *Lagopus leucurus* and *Leucosticte australis*, 315.
Herodias egretta, 198, 319, 351.
 Heron, Bahama Green, 121, 352.
 Black-crowned Night, 148, 199, 217, 286.
 Great Blue, 44, 46, 145, 199.
 Green, 145, 148, 199, 286, 420.
 Little Blue, 76, 77, 141, 148, 286, 319.
 Louisiana, 121, 148, 286, 351.
 Yellow-crowned Night, 122, 141, 352.
Himantopus mexicanus, 353.
Hirundo erythrogastra, 6, 51, 143, 169, 202, 361.
 Hix, George E., Holboell's Grebe (*Colymbus holbelli*) at Englewood, N. J., in June, 407; Brewster's Warbler (*Helminthophila leucobronchialis*) at Englewood, N. J., 417.
Holoquiscalus dispar, 228.
 Horizillas, 436.
 Howe, Carleton Dexter, notice of his 'Fifty Common Birds of Vermont,' 435.
 Howe, Reginald Heber, Jr., a female Cardinal wintering in Concord, Mass., 211; two Massachusetts records, 319; a broken Pigeon's leg that healed itself, 412.
 Howell, Arthur H., Scott's Sparrow in Colorado, 210.
 Hummingbird, Allen, 384.
 Anna, 384.
 Bahama Emerald, 356.
 Calliope, 384.
 Ruby-throated, 14, 44, 48, 142, 156, 200, 287.
 Rufous, 366.
 Hunt, Chreswell J., the apparent power of reasoning in birds, 89; young birds killed by trains, 420.
Hydranassa tricolor ruficollis, 121, 148, 351.
Hydrochelidon leucoptera, 136.
 surinamensis, 367.
Hydrornis, 436.
Hylocichla aliciae, 3, 6, 205.
 almæ, 225.
 aonalaschkæ sequoiensis, 365, 367.
 fuscenscens, 3, 7, 53, 205, 214.
 fuscenscens salicicola, 317.
 guttata pallasii, 53, 145, 205, 416.
 mustelina, 53, 145, 204.
 œdica, 36.
 ustulata, 36, 365, 367.
 ustulata almæ, 38.
 ustulata swainsoni, 5, 38, 178, 205.
Hypomorphnus gundlachii, 307.
 IBIS, Scarlet, 257.
 White, 145.
Icteria virens, 204, 281, 298.
 virens longicauda, 298.
Icterus bullocki, 385.
 galbula, 5, 11, 49, 61, 201, 275, 421.
 northropi, 128, 133.
 parisorum, 14.
 spurius, 5, 143, 201, 275, 420.
 Inca, 436.
Ionornis martinica, 89, 259, 260, 319, 409.
Iridoprocne bicolor, 143, 202.
Ixoreus naevius, 214.
 JACKDAW, 124.
 J[ackson], T. H., biographical notice of Evan Lewis, 229.
 Jacobs, J. Warner, notice of his 'Some Notes on the Summer Birds of Monongalia County, West Virginia,' 435.
 Jaeger, Long-tailed, 235.
 Parasitic, 235.
 Jay, Blue, 40, 43, 44, 49, 81, 82, 158, 200, 273, 287, 375, 376.

- Jay, Blue-fronted, 366, 385.
California, 385.
Canada, 177, 313, 335.
Couch, 14.
Florida Blue, 142.
Woodhouse, 14, 105, 173.
- Job, Herbert Keightley, review of his 'Wild Wings,' 324.
- Jourdain, Francis C. R., announcement of his 'The Eggs of European Birds,' 335.
- Junco, Sierra, 366, 387.
Slate-colored, 40, 44, 50, 304, 374, 375.
Thurber, 56, 59.
- Junco hyemalis, 51, 202.
hyemalis thurberi, 366, 386.
oreganus thurberi, 59.
- KENNARD, Frederic H., and Frederic B. McKechnie, breeding of the Brown Creeper in Eastern Massachusetts, 183-193.
- Killdeer, 13, 141, 149, 199, 209, 286, 353, 369.
- Kill-'em-Polly, 118.
- Killy-ka-dick, 126.
- Kingbird, 3, 5, 8, 40, 44, 48, 142, 157, 200, 286.
Arkansas, 320.
Couch, 14.
Gray, 6, 115, 127, 356.
Western, 384.
- Kingfisher, Belted, 44, 47, 69, 145, 154, 200, 286, 370.
- Kinglet, Golden-crowned, 53, 204, 305.
Ruby-crowned, 145, 204, 305.
- Kittiwake, 236.
- Klugh, A. B., Pine Siskin breeding at Guelph, Ontario, 415.
- Knight, O. W., erroneous Maine records, 217.
- Knox, John Cowing, biographical notice of, 106.
- Kobbé, F. W., decrease of Purple Martins on Long Island, N. Y., 211.
- Kopman, H. H., list of birds seen in Jefferson Parish, La., April 1, 1904, 140-145; a Killdeer's mishap, 209; Warbler migration in Southeast Louisiana and Southern Mississippi, 289-296.
- LAGOPUS leucurus, 315.
leucurus altipetens, 315, 316.
rupesstris, 239.
- Lanius ludovicianus, 145, 211, 280.
ludovicianus excubitorides, 15.
ludovicianus migrans, 51, 202, 211, 314.
- Lark, Horned, 200.
Prairie Horned, 49, 414, 420.
Shore, 40, 240.
- Larus argentatus, 168, 197, 236.
atricilla, 117, 145, 168, 352.
delawarensis, 141, 168, 197.
glaucus, 236.
kumljeni, 168, 205.
marinus, 168, 236.
philadelphia, 197.
- Legautia, 446.
- Leucosticte australis, 315, 317.
tephrocotis, 370.
- Lewis, Evan, biographical notice of, 229.
- Lewis, Lillian W., wintering of the Brown Thrasher in a park in New York City, 314.
- Limosa hæmastica, 169.
- Linnean Society of New York, notice of 'Abstract of the Proceedings' of, Nos. 15-16, 235.
- Longspur, Lapland, 241.
- Loon, 27, 197, 395.
Black-throated, 234.
Red-throated, 88, 197, 217, 234, 395.
- Lophodytes cucullatus, 45.
- Lophortyx californicus vallicolus, 381.
- Loxia curvirostra bendirei, 385.
curvirostra minor, 49, 177, 201.
leucoptera, 177.
- MACAW, Blue and Yellow, 346.
Cuban, 348.
Lesser Antillean, 271, 272, 348.
Military, 347.
Red and Blue, 270, 273, 347.
Red and Yellow, 271, 346.
- Macaws, Greater Antillean, 345-348.
Lesser Antillean, 266-273.
- Maccaw, Brazilian Green, 347.
from Jamaica, 346.
Great, 347.
Small, 347.
- Mackaw, Blue, of Edwards, 345, 346.
- Macoun, John, notice of Part III of his 'Catalogue of Canadian Birds,' 99.

- Macpherson, H. A., see Harvie-Brown, J. A.
- Macrorhamphus griseus, 199.
- Macronyx tenellus, 103.
- Madarász, Julius V., notice of his 'An Extraordinary Discovery in Ornithology,' 102.
- Magpie, 166.
Yellow-billed, 364.
- Malacopteron, 436.
- Mallard, 46, 198, 321, 367, Greenland, 331.
- Mareca americana, 198.
penelope, 76, 206.
- Margarops fuscatus, 357.
fuscatus densirostris, 265.
sp., 264.
- Martin, Purple, 5, 25, 26, 27, 37, 51, 143, 202, 211, 279, 288, 437.
Western, 389.
- McAtee, W. L., do migrants fast? 320.
- McCook, P. J., Little Blue Heron in Connecticut, 76.
- McGregor, Richard C., notice of two papers by, on Philippine Birds, 427.
- McKechnie, Frederic B., see Kenard, Frederic H.
- Mascha, E., notice of his 'The Structure of Wing-Feathers,' 435.
- Meadowlark, 111, 132, 144, 204, 280, 288.
Southern, 143.
Western, 62, 173, 385.
- Mearns, Edgar A., notice of his paper on new Philippine birds, etc., 228; his return to the Philippines, 334.
- Megapodius cumingi, 428.
- Megaquiscalus major, 143.
- Megascops asio, 154, 200.
asio floridanus, 142.
- Melanerpes erythrocephalus, 80, 155.
- Meleagris gallopavo silvestris, 150.
- Melospiza cinerea fasciata, 202.
cinerea melodia, 50.
georgiana, 143, 202.
lincolni, 50, 89.
- Merganser, American, 45, 206, 217.
Hooded, 44.
Red-breasted, 197.
- Merganser americanus, 45, 206.
- Mergus serrator, 197.
- Merriam, C. Hart, Chief of Biological Survey, abstract of Report of, for year 1903-04, 230-231.
- Merula migratoria, 53, 60, 205, 284.
migratoria propinqua, 367, 391.
- Michigan Ornithological Club, annual meeting of, 335.
- Micranous marcusii, 98.
- Milan, 260.
- Mimocichla plumbea, 132, 133, 357.
- Mimus gundlachi, 131, 356.
gundlachi bahamensis, 356.
polyglottos, 132, 133, 144, 204, 281.
polyglottos leucopterus, 15.
- M[itche]ll, W. I., biographical notice of John Cowing Knox, 106.
- Mniotilta varia, 1, 3, 751, 202, 297.
- Mockingbird, 111, 132, 144, 204, 280, 288.
Bahama, 115, 131.
Bryant, 356.
Gundlach, 356.
Plumbeous, 132.
Western, 16.
- Molothrus ater, 14, 49, 142, 200.
- Montgomery, Thos. H., summer resident birds of Brewster County, Texas, 12-15.
- Morris, Robert O., the Gadwall and Yellow Rail near Springfield, Mass., 207; the Turkey Vulture in Western Massachusetts, 413.
- Motacilla flava alasensis, 429.
vermivora, 405.
- Murphy, Robert C., Leach's Petrel (*Oceanodroma leucorhoa*) on the Long Island shore, 205.
- Murre, Brünnich's, 197, 235.
- Muscadivora, 228.
- Muscivora tyrannus, 312.
- Myadestes elizabeth retrusus, 329.
townsendi, 440
- Myiarchus cineritus, 5, 11, 48, 142, 157, 200.
cinerascens, 14, 384.
leucaysiensis, 127, 132.
mexicanus magister, 361.
- NANODES, 436.
- National Association of Audubon Societies, incorporation of, 109, 232; notice of first Annual Report, 225.
- Nelson, E. W., Notice of his 'Descriptions of Four New Birds from Mexico,' 93; notice of his 'Notes on the Names of certain North American Birds,' 330.

- Neomorphus salvini*, 334.
Nettion carolinensis, 198.
 Newton, Alfred, the Géant of Legaut not a Ralline bird, 446.
Nighthawk, 5, 11, 29, 44, 48, 55, 114, 156, 369.
 Bahama, 126, 355.
 Florida, 6.
 Texan, 14.
Nisus pacificus.
 Noddy, see Tern, Noddy.
 Nonpariel, 111.
Notospiza, 436.
Nucifraga columbiana, 385.
Numenius hudsonicus, 239.
 phaeopus, 136.
 Nutcracker, Clark, 369, 381, 385.
 Nuthatch, Brown-headed, 204, 283, 288.
 Pygmy, 62, 391.
 Red-breasted, 43, 44, 53, 204, 305.
 Slender-billed, 63, 367, 391.
 White-breasted, 43, 44, 53, 204.
Nuttallornis borealis, 5, 48, 366, 384, 397.
Nyctala acadica, 200.
Nyctanassa violacea, 122, 352.
Nyctea nyctea, 200, 240.
Nycticorax nycticorax nævius, 148, 198.
 OBERHOLSER, Harry C., the forms of *Vermivora celata* (Say), 242-247; notice of his paper on Birds collected in the Kilimanjaro Region, East Africa, 427; notice of his 'Notes on the Nomenclature of Certain Genera of Birds,' 436.
Oceanites oceanicus, 119, 350.
Oceanodroma leucorhoa, 205.
Ochthodromus wilsonius, 122, 353.
Ognorhynchus, 436.
Oidemia americana, 198.
 deglandi, 88, 198, 420.
 perspicillata, 88.
Olbiorchilus hiemalis, 53, 204.
Olor columbianus, 198, 238.
 Ontario Natural Science Bulletin, notice of first number of, 335.
Oporornis formosa, 314.
Oreortyx pictus plumiferus, 366, 381.
Oreospiza chlorura, 389.
Oriole, Baltimore, 5, 11, 26, 49, 61, 201, 275, 287, 421.
Oriole, Bullock, 385.
 Orchard, 5, 201, 275, 287, 420.
 Northrop, 128.
 Scott, 14.
Oriolus caudacutus, 406.
 Ornithological Congress, Fourth International, 333, 444.
Orthorhynchus, 436.
 emigrans, 215.
Ortix squamosa, 173.
 Osgood, Wilfred H., notice of his 'A Biological Reconnaissance of the Base of the Alaska Peninsula,' 92.
Osprey, 47, 200.
 Bahama, 354.
Otocoris alpestris, 200, 240.
 alpestris chrysolæma, 432.
 alpestris praticola, 49, 414, 420.
Oven-bird, 7, 44, 52, 203, 280, 288, 305, 374, 399.
Owl, Acadian, 29.
 American Barn, 124, 200, 224.
 American Long-eared, 200, 383.
 Barred, 44, 47, 153, 200, 286.
 Florida Barred, 141.
 Florida Screech, 142.
 Great-Horned, 29, 44, 47, 154, 177, 200, 286.
 Nassau Burrowing, 354.
 Saw-whet, 29, 200.
 Screech, 29, 154, 200, 286.
 Short-eared, 200.
 Snowy, 200, 240.
Oxyechus vociferus, 141, 149, 199, 353.
Oyster-catcher, American, 354.
 PAGOPHILA *alba*, 235.
 Palmer, T. S., notice of publications by, on protection of game and birds, 438.
Pandion haliaëtus carolinensis, 47, 200, 319.
 haliaëtus ridgwayi, 354.
Parabuteo unicinctus, 79.
Parakeet, 128.
Parrot, Ash-fronted, 344.
 Barbados, 344.
 Great Green, 344.
 Gaudeloupe, 343.
 Ruff-necked, 341.
Parrots, West Indian, 337-344.
Partridge, California, 410.
 Mountain, 366, 381.

- Partridge, Scaled, 13, 172, 173.
Valley, 381.
- Parus atricapillus, 53, 428.
atricristatus, 15.
bicolor, 283.
carolinensis, 144, 204, 283.
carolinensis impiger, 221.
gambeli, 367.
hudsonicus, 85, 87.
hudsonicus littoralis, 221.
hudsonicus stoneyi, 221.
palustris, 428.
sclateri, 428.
- Passer domesticus, 83, 277, 363, 417.
- Passerculus anthinus, 19.
beldingi, 18.
guttatus, 21.
halophilus, 21.
princeps, 201.
rostratus, 16-21.
sanctorum, 20.
sandwichensis savanna, 143, 201.
- Passerella iliaca, 202.
iliaca megarhynchus, 366.
stephensi, 388.
- Passerina cyanea, 278.
ciris, 278.
nivalis, 240.
- Pavoncella pugnax, 136, 262, 409, 410.
- Pediæcetes phasianellus? 177.
phasianellus columbianus, 161.
- Pelecanus occidentalis, 119.
sula, 330.
- Pelican, Brown, 119.
- Pelidna alpina sakhalina, 239.
- Penelopides panini, 428.
- Penguin, Adelia, 325.
- Pennock, C. J., Guthrie's Geography, 1815 edition, 90. See also Rhoads, Samuel N.
- Penthestes, 220.
- Perdrix, 262.
- Perisoreus canadensis, 177, 313.
- Perroquet à ventre pourpre de la Martinique, 343.
de la Guadeloupe, 341.
de la Havane, 339.
de St. Domingue, 339.
- Perruche de la Guadeloupe, 311.
de la Martinique, 311.
Petite, de l'Isle St. Thomas, 310.
- Petrel, Leach, 205.
Wilson, 119, 350.
- Petrochelidon lunifrons, 5, 11, 15, 37, 64, 169, 202, 361, 389.
- Peuceæ æstivalis bachmani, 277.
cassini, 417.
- Pewee, Bahama, 356.
Western Wood, 366, 384.
Wood, 5, 39, 44, 48, 142, 157, 200, 287, 374.
- Phaëthon americanus, 119, 350, 408.
- Phainopepla, 67.
- Phainopepla nitens, 67.
- Phalacrocorax dilophus, 197.
dilophus floridanus, 119.
vigua mexicanus, 350.
- Phalænoptilus nuttalli californicus, 364, 383.
nuttalli nitidus, 14.
- Phalarope, Northern, 319, 397.
Red, 238.
- Phalaropus lobatus, 319, 396.
- Philohela minor, 46, 199.
- Phœbe, 48, 142, 200, 304, 374.
Say, 14, 384.
- Phœnicopterus ruber, 120, 132, 319, 351, 426.
- Phœnicothraupis rubica confinis, 329.
- Pick-Peter, 127.
- Picoides arcticus, 47, 80.
- Picus mexicanus, 173.
- Pigeon, Band-tailed, 13, 381, 382.
Passenger, 28, 217.
White-crowned, 122, 354.
White-headed, 115.
Wild Wood, 261.
- Pilly-willick, 122.
- Pimlico, 118.
- Pinicolor enucleator, 313.
- Pintail, 298, 321.
- Pipilo erythrophthalmus, 51, 143, 202, 277.
fuscus
fuscus mesoleucus, 15.
maculatus arcticus, 15.
maculatus megalonyx, 389.
- Pipit, American, 145, 204, 241.
Sprague, 400.
- Piranga erythrocephala, 403.
erythromelas, 3, 5, 11, 51, 63, 202.
ludovicianus, 367, 389.
rubra, 143, 202, 279, 398.
rubriceps, 440.
- Pitangus, Bahama, 356.
- Pitangus bahamensis, 356.
- Plautus impennis, 300-302.

- Plover, Black-billed, 211, 239.
Golden, 28, 134-140, 239.
Killdeer, 13, 141, 149, 199,
209, 286.
Piping, 199.
Ring, 136.
Semipalmated, 199, 239, 353.
Snowy, 353.
Upland, 28.
Wilson, 114, 122, 353.
- Podiceps dominicus, 259.
- Podilymbus podiceps, 45, 147, 197,
259.
- Pœcilonetta bahamensis, 120, 132,
352.
- Polioptila cærulea, 53, 87, 145, 284,
421.
cærulea cæsiogaster, 132,
357.
cærulea obscura, 391.
plumbea, 15.
- Poœcetes gramineus, 50, 57, 201.
- Poor Joe, 121.
- Poor-will, Dusky, 363, 383.
Frosted, 14.
- Porzana carolina, 149, 199, 259.
goldmani, 93.
jamaicensis, 397.
noveboracensis, 208, 396.
- Prionotelus temnurus vescus, 329.
- Progne subis, 5, 37, 51, 143, 202,
211, 279.
subis hesperia, 37, 389.
- Protonotaria citrea, 3, 5, 11, 144,
202, 296, 297.
- Psaltriparus lloydi, 15.
minimus, 391.
minimus californicus, 67.
minimus saturatus, 221.
plumbeus, 15.
- Psittacus æruginosus, 311.
amazonicus jamaicensis, 339.
aracanga, 272.
barbadensis, 344.
erythacus, 339.
jamaicensis icterocephalus,
339.
martinicanus, 343.
maximus cyanocroceus, 346.
violaceus, 341.
viridis major occidentalis,
344.
- Psittichas, 436.
- Ptarmigan, Rock, 239.
White-tailed, 315, 316.
- Publications Received, pp. 3 and 4
of cover of each issue.
- Puffin, 110.
- Puffinus gavia, 440.
gravis, 118.
griseus, 440.
lhermineri, 118, 350.
- Pygoscelis adeliæ, 325.
- Pyrrhulagra violacea, 128, 133, 360.
- Pyrrhuloxia, Arizona, 15.
Pyrrhuloxia sinuata, 15.
- QUAIL, Mearns, 13.
Mountain, 381.
Valley, 382.
- Querquedula cyanoptera, 370, 396.
discors, 198.
- Quiscalus major, 276.
quiscula, 201, 275.
quiscula æneus, 49.
quiscula aglæus, 143.
- RAIL, Bahama Clapper, 352.
Clapper, 149, 198, 286.
Cory, 122.
King, 198, 286, 409.
Little Black, 397.
Sora, 149, 199, 259, 286.
Virginia, 198.
Yellow, 207, 396.
- Raine, Walter, notice of his 'Dis-
covery of the Eggs of the Soli-
tary Sandpiper,' 100.
- Rallus coryi, 122.
crepitans, 149, 198.
crepitans coryi, 352.
crepitans scottii, 225.
crepitans waynei, 225.
elegans, 409.
- Ramier, 261.
- Raven, Northern, 240, 312.
White-necked, 14.
- Ray, Milton S., a third trip to the
High Sierras, 363-371.
- Recurvirostra americana, 78.
- Redhead, 169, 198.
- Redpoll, 201, 240.
Greater, 240.
Hoary, 313.
- Redstart, American, 7, 27, 44, 52,
204, 241, 305, 374, 423.
- Red-tail, Western, 382.
- Redwing, Bahama, 128, 359.
San Diego, 369.
Thick-billed, 177.
- Regulus calendula 145, 204.
cuvieri, 221.
satrapa, 53, 204, 422.
- Rehn, James A. G., Bachman's

- Warbler in Leon County, Florida, 85.
- Rhamphocinclus brachyurus, 267.
- Rhoads, Samuel N., and C. J. Pennock, birds of Delaware: a preliminary list, 194-205.
- Riccordia aeneoviridis, 127, 133.
ricordii, 356.
ricordii aeneoviridis, 356.
- Riccordia, Bronzy, 127.
- Ricebird, 128.
- Richmond, Charles W., notice of his paper 'Notes on the Birds described by Pallas in the "Adumbratiuncula" of Vroeg's Catalogue,' 222
- Ridgway, Robert, review of his 'The Birds of North and Middle America,' Part III, 219-222; account of his collecting trip to Costa Rica, 333.
- Riley, J. H., notice of his Catalogue of Birds from Barbuda and Antigua, B. W. I., 101; notice of his 'Birds of the Bahama Islands,' 328; list of birds collected or observed during the Bahama Expedition of the Geographic Society of Baltimore, 349-360.
- Riparia riparia, 6, 51, 202, 279.
- Rissa tridactyla, 236.
- Ritchie, Sanford, breeding of the Hudsonian Chickadee (*Parus hudsonicus*) at Dover, Maine, 85.
- Roadrunner, 14.
- Robin, American, 30, 40, 43, 44, 53, 60, 205, 284, 288, 304, 306, 374, 375, 376.
Cock, 128.
Western, 367, 391.
- Robinson, Wirt, an addition to the avifauna of Cuba, 315.
- Rogers, Charles H., the Louisiana Water-Thrush in Philadelphia in summer, 419.
- Roytelet, 263.
- Ruff, 262, 409, 410, 411.
- Rupornis magnirostris, 267.
- SAGE, John H., Twenty-second Congress of the American Ornithologists' Union, 71-76.
- Salpinctes obsoletus, 221, 390.
obsoletus guadalupensis, 221.
obsoletus pulverius, 221.
- Saltator guadeloupensis, 267.
- Sanderling, 199, 222, 339.
- Sandpiper, Bartramian, 28, 145, 199, 420.
Buff-breasted, 169.
Least, 122, 176, 199, 238, 353.
Pectoral, 145.
Red-backed, 239.
Semipalmated, 199, 239.
Solitary, 46, 100, 141, 176, 199, 209.
Spotted, 44, 46, 134, 149, 199, 209, 286, 367, 369.
Western, 199.
White-rumped, 199, 238.
- Sapsucker, Yellow-bellied, 47, 200, 304.
Williamson, 68.
- Saurothera bahamensis, 355.
merlini decolor, 329.
- Saxicola œnanthe, 315.
- Sayornis phœbe, 48, 142, 200.
saya, 14, 384.
- Scardafella inca dialeucos, 329.
ridgwayi, 329.
- Schiøler, E. Lehn, notice of his 'Om dem Grønlandske Stokand, *Anas boscas spilogaster*,' 331.
- Scoter, American, 198.
Surf, 88.
White-winged, 88, 198, 420.
- Scott, W. E. D., notice of his papers on 'The Inheritance of Song in Passerine Birds,' 95; notice of Part I of his Ornithology of Patagonia, 96.
- Seiurus aurocapillus, 7, 52, 203, 280, 298, 399.
motacilla, 7, 203, 298, 419.
noveboracensis, 7, 203, 298, 399, 418.
noveboracensis notabilis, 298.
- Selasphorus alleni, 384.
rufus, 366.
- Serpophaga cinerea cana, 329.
- Setophaga miniata, 299.
picta, 299.
rutililla, 7, 52, 204, 241, 419, 423.
- Severson, Henry P., the Kentucky Warbler at Winneconne, Wisc., 314.
- Shalow, Herman, notice of his 'Die Vögel Arktis,' 103.
- Shank, Black, 117.
Red, 117.
- Sharpe, R. Bowdler, review of his 'Aves' of the 'Southern Cross' Expedition, 325.

- Sharpia, 436.
 Shearwater, Antillean, 350.
 Audubon, 118.
 Greater, 118.
 Shelldrakes, 27.
 Shelley, G. E., notice of his 'Birds of South Africa,' Vol. IV, Parts 1 and 2, 228, 332.
 Sherborn, C. Davies, notice of his paper, 'The New Species of Birds in Vroeg's Catalogue,' 222.
 Shoveller, 198, 321.
 Shrike, Loggerhead, 145, 211, 257, 280, 288.
 Migrant, 44, 51, 202, 211, 313.
 White-rumped, 15.
 Shufeldt, R. W., notice of his 'An Arrangement of the Families and Higher Groups of Birds,' 227.
 Sialia arctica, 368, 370.
 mexicana occidentalis, 368, 371, 391.
 occidentalis, 174.
 sialis, 54, 205, 284.
 Siskin, Pine, 50, 177, 201, 386, 415.
 Sitta canadensis, 53, 204, 428.
 carolinensis, 53, 204.
 carolinensis aculeata, 63, 367, 391.
 pusilla, 204.
 pygmaea, 62, 391.
 Sittace coccinea, 272.
 Smith, Horace G., the Blue Jay and other eastern birds at Wray, Yuma County, Colorado, 81.
 Snipe, 122.
 Wilson, 141, 176, 199.
 Snowflake, 201, 240.
 Snyder, W. E., another deformed bill, 83; 'Audubon's Ornithological Biography,' 91; the Gray Gyrfalcon in Wisconsin, 413.
 Somateria mollissima borealis, 237.
 spectabilis, 198, 237.
 Song-Sparrow, White-eyebrowed, 446.
 Sora, 149, 199, 259, 286.
 Sparrow, Bachman, 277, 287, 398.
 Belding Marsh, 18.
 Black-chinned, 381, 387.
 Brewer, 381, 386.
 California Sage, 387.
 Cassin, 15, 417.
 Chipping, 40, 43, 44, 50, 58, 201, 276, 287, 301, 304, 422.
 Clay-colored, 83, 189.
 Sparrow, Desert, 15.
 English, 14, 27, 83, 89, 303, 417.
 Field, 50, 143, 201, 276, 287, 304.
 Fox, 201, 217.
 Grasshopper, 201, 419.
 Henslow, 83, 201, 217, 398, 416.
 Ipswich, 20, 201, 322.
 Large-billed, 16-21.
 Lincoln, 43, 50, 89, 217.
 Macgillivray, 225.
 Nelson, 210, 225.
 Rock, 15.
 Savanna, 89, 143, 201.
 Scott, 15, 210.
 Seaside, 201.
 Sharp-tailed, 201.
 Song, 39, 40, 44, 50, 202, 304.
 Stephens Fox, 381, 388.
 Swamp, 143, 202.
 Titlark, 19.
 Tree, 50, 202, 303, 304.
 Vesper, 40, 43, 44, 50, 57, 201, 419.
 Western Chipping, 367, 381, 386.
 Western Henslow, 320.
 Western Lark, 15, 386.
 White-crowned, 201, 304, 420, 446.
 White-throated, 40, 50, 143, 201, 304, 313, 415.
 Spatula clypeata, 198, 408.
 Speotyto cunicularia cavicola, 354.
 Spermagra, 403.
 erythrocephala, 403.
 Sphyrapicus thyroides, 68.
 varius, 47, 200.
 Spindalis, Abaco, 360.
 Black-backed, 128, 359.
 Townsend, 129.
 Spindalis pretrei pinus, 329.
 zena, 128, 133, 359.
 zena townsendi, 117, 129, 133, 360.
 Spinus pinus, 50, 177, 201, 386, 415.
 Spiza americana, 5, 278.
 Spizella atrogularis, 387.
 breweri, 83, 386.
 monticola, 50, 202.
 pallida, 83, 89.
 pusilla, 50, 143, 201, 276, 283.
 socialis, 50, 58, 201, 276, 422.
 socialis arizonæ, 366, 386.

- Squatarola squatarola*, 211, 239.
 Squaw, Old, 198, 206, 236.
Stelgidopteryx serripennis, 145, 202.
Stellula calliope, 384.
Stenopsis cayenensis, 266.
Stercorarius longicaudus, 235.
 parasiticus, 235.
 pomarinus, 440.
 Stephens, Frank, notice of his 'Life Areas of California,' 424-426.
Sterna anæthetus, 118, 353.
 antillarum, 118, 353.
 caspia, 395.
 dougalli, 117.
 forsteri, 396.
 fuliginosa, 98, 118.
 hirundo, 236.
 maxima, 117, 147, 353, 395.
 paradisæa, 236.
 sandvicensis acutiflvida, 147, 353.
 Stilt, Black-necked, 353.
 Stockard, Charles R., nesting habits of Birds in Mississippi, 146-158, 273-288.
 Stone, Witmer, notice of his paper on Birds and Mammals from Mount Sanhedrin, Cal., 100; biographical notice of Dr. Samuel W. Woodhouse, 104-106.
Strix flammea, 262.
 ni-grescens, 262.
 pratincola, 124, 200, 224.
Sturnella magna, 14, 49, 62, 95, 201, 274.
 magna argutula, 143.
 magna neglecta, 62.
 neglecta, 385.
Sula brewsteri, 330.
 etsiaca, 330.
 leucogastra, 330.
 sula, 119, 330.
 Swainson, William, hitherto unpublished letters of, to John James Audubon, 31-34, 248-258.
 Swales, Bradshaw H., wintering of the Red-headed Woodpecker at Detroit, Mich., 80; Henslow's Sparrow in St. Clair County, Mich., 83; the Northern Parula Warbler in southern Michigan, 84.
 Swales, B. H., and P. A. Taverner, notes on several rare southeastern Michigan birds, 88; Turkey Vulture (*Carthartes aura*) in Michigan, 413.
 Swallow, Bahama, 115, 129, 358.
 Bank, 30, 44, 51, 202, 279, 288.
 Barn, 26, 30, 51, 143, 169, 202, 361.
 Cliff, 5, 11, 15, 30, 37, 63, 64, 169, 202, 361, 389.
 Rough-winged, 145, 202.
 Tree, 26, 143, 202, 369, 375, 378.
 Violet-green, 389.
 Swan, Whistling, 198.
 Swenk, Myron H., notes on Nebraska birds, 319. See also Bruner, Lawrence.
 Swift, Chimney, 26, 48, 142, 156, 200, 224, 287.
 White-throated, 14, 383.
Sylvia celatus, 242.
 solitaria, 405.
 vermivora, 405.
Symphemia semipalmata, 122, 208.
Syrnium varium, 47, 153, 200.
 varium alleni, 141.
 TACHYCINETA *bicolor*, 169.
 thalassina lepida, 389.
 Tanager, Scarlet, 3, 5, 11, 30, 63, 202, 304.
 Summer, 143, 202, 279, 288, 398.
 Western, 367, 389.
Tangavius, 331.
 æneus involucratus, 331.
 involucratus, 331.
 Taverner, P. A., description of a second Michigan specimen of Cory's Least Bittern, 77; additional records for southeastern Michigan, 89. See also Swales, B. H.
 Taylor, Henry Reed, mention of his 'Standard American Egg Catalogue,' 109.
 Teal, Blue-winged, 27, 198, 321.
 Cinnamon, 321, 370, 396.
 Green-winged, 27, 198.
Telmato-dytes palustris, 204.
 palustris marianæ, 225.
 palustris thryophilus, 221.
 palustris tolu-censis, 93.
 Tern, Arctic, 236.
 Black, 367, 369.
 Bridled, 114, 353.
 Cabot, 147, 286, 353.

- Tern, Caspian, 395.
Cayenne, 395.
Common, 236.
Forster, 369, 396.
Gull-billed, 352.
Least, 111, 118, 197, 353.
Noddy, 114, 118, 353.
Roseate, 114, 117.
Royal, 117, 147, 286, 353, 395.
Sooty, 98, 118.
Wilson, 197.
- Thalurania bicolor, 267.
- Thamnophilus gorgonæ, 330.
- Thayer, Gerald H., the Raven in southern New Hampshire, 81.
- Thayer, John E., the purchase of a Great Auk for the Thayer Museum at Lancaster, Mass., 300-302; the Dovekie on the coast of North Carolina, 310; Brant's (*Bernicla branta*) nest, 408; the Ruff at Camden, Maine, 409; Water-Thrush (*Seiurus noveboracensis*), nesting in Lancaster, Massachusetts, 418.
- Thayer, John E., and Outram Bangs, notice of paper by, on the Birds of Gorgona Island, Colombia, 329.
- Thrasher, Blue, 132.
Brown, 40, 53, 61, 144, 204, 282, 288, 305, 314.
Crissal, 15.
Pasadena, 381, 390.
- Thrush, 262, 264.
Alma, 38, 225.
Bahama Red-legged, 357.
Golden-crowned, 203.
Gray-cheeked, 3, 6, 205, 217.
Hermit, 40, 44, 53, 145, 205, 305, 306.
Olive-backed, 5, 176, 205, 305.
Pearly-eyed, 357.
Quaking, 262, 265.
Russet-backed, 36, 365, 367.
Sierra Hermit, 365, 367.
Varied, 212.
Willow, 317.
Wilson, 3, 7, 44, 53, 205, 212, 305.
Wood, 30, 44, 53, 60, 145, 204, 284, 288, 305.
- Thryomanes bewickii cerroensis, 221.
bewickii charienturus, 390.
bewickii drymæcus, 221.
bewickii cremophilus, 221.
bewickii nesophilus, 221.
- Thryomanes leucophrys, 221.
- Thryothorus ludovicianus, 145, 204, 282.
- Tiaris, 400, 405, 436.
bicolor, 128, 360.
- Titmouse, Black-capped, 53.
Black-crested, 15.
Plain, 391.
Tufted, 144, 283, 288.
- Tmetothylacus tenellus, 103.
- Todd, W. E. Clyde, notice of his 'The Mammal and Bird Fauna of Beaver County, Pennsylvania,' 100.
- Todirostrum cinereum finitum, 329.
- Torrey, Bradford, the Prairie Horned Lark (*Otocoris alpestris praticola*) on Mount Washington, N. H., 414.
- Totanus flavipes, 134, 199, 209.
melanoleucus, 122, 199, 209.
- Towhee, 44, 50, 143, 203, 277, 287, 304, 374.
Arctic, 15.
Cañon, 15.
Green-tailed, 389.
Spurred, 389.
- Townsend, Charles Wendell, review of his 'The Birds of Essex County, Massachusetts,' 322.
- Toxostoma crissalis, 15.
redivivum pasadenensis, 390.
rufum, 53, 61, 144, 204, 282, 314.
- Tringa arenaria, 223.
fuscicollis, 440.
- Trochilus colubris, 14, 48, 142, 156, 200.
cristatus, 436.
- Troglodytes aëdon, 53, 145, 204.
aëdon aztecus, 221.
aëdon parkmani, 221, 390.
- Tryngia alba, 223.
- Tryngites subruficollis, 169.
- Turdus jamaicensis, 263, 264.
mustelinus, 264, 284.
- Turkey, Wild, 150, 286, 323.
- Turnstone, 134, 208, 239.
- Tyrannus dominicensis, 6, 127, 133, 356.
melancholicus couchi, 14.
tyrannus, 3, 8, 48, 142, 157, 200.
verticalis, 320, 384.
- URIA lomvia, 235.
- Urubitinga anthracina, 210, 307.

- Urubitinga anthracina cancrivora, 228, 309, 312.
gundlachii, 307-309.
- VANELLUS vanellus, 136.
- Verdin, 15, 361.
- Vermivora, 400, 405, 437.
celata celata, 242, 246.
celata lutescens, 245, 247.
celata arestera, 243, 247.
celata sordida, 245, 247.
- Virgo, Bahama, 357.
Bell, 82.
Black-whiskered, 6, 129, 375.
Blue-headed, 5, 178, 202.
Cassin, 390.
Hutton, 65.
Philadelphia, 5, 10, 320.
Red-eyed, 2, 3, 5, 44, 51, 143, 202, 280, 288, 304, 421.
Thick-billed, 115, 129.
Warbling, 51, 202, 280, 288.
White-eyed, 143, 202, 280, 288, 420.
Yellow Bahama, 357.
Yellow-throated, 7, 51, 202.
- Vireo
belli, 82.
calidris barbatulus, 6, 129, 133.
crassirostris, 129, 133, 357.
crassirostris flavescens, 357.
flavifrons, 7, 51, 202.
gilvus, 51, 202, 280.
huttoni, 65.
noveboracensis, 143, 202, 280, 420, 421.
olivaceus, 2, 3, 5, 51, 143, 202, 280.
philadelphicus, 10, 320.
solitarius, 5, 178, 202, 416.
solitarius cassini, 390.
- Vireosylva calidris barbatula, 357.
- Vulture, Black, 141, 151, 286.
California, 382.
Turkey, 14, 78, 141, 151, 199, 286, 354, 382, 413.
- WARBLER, Abaco Pine, 131, 358.
Audubon, 367, 381, 390.
Bachman, 85, 293, 392-394, 399.
Bahama, 115, 130, 358.
Bahama Yellow, 130, 358.
Bay-breasted, 3, 6, 10, 203.
Black-and-white, 1, 3, 7, 39, 44, 51, 202, 292, 374.
Blackburnian, 6, 11, 52, 178, 203.
Warbler, Black-fronted, 419.
Black-poll, 6, 203, 374, 376, 420.
Black-throated Blue, 44, 52, 178, 200, 305, 318.
Black-throated Gray, 381, 390.
Black-throated Green, 5, 40, 44, 52, 203, 294, 374, 376.
Blue-winged, 5, 10, 21-24, 203, 305.
Brewster, 21-24, 417.
Canadian, 6, 10, 178, 186, 204, 305.
Cerulean, 3, 6, 11, 203.
Chestnut-sided, 2, 3, 6, 27, 39, 44, 52, 203.
Connecticut, 89, 178, 217.
Golden-winged, 3, 5, 10, 21, 423.
Hooded, 5, 85, 144, 295.
Lawrence, 21-24.
Kentucky, 3, 6, 11, 144, 204, 314.
Kirtland, 39, 40, 41, 52, 314, 335.
Lucy, 360.
Magnolia, 5, 305, 374, 420.
Mangrove, 133.
Mourning, 2, 3, 6, 11, 178, 204.
Myrtle, 7, 43, 52, 144, 178, 203, 305, 417.
Nashville, 44, 51.
Nassau Pine, 358.
New Providence Pine, 131, 133.
Northern Parula, 84, 374.
Orange-crowned, 417.
Palm, 305.
Parula, 1, 3, 144, 203, 212, 293, 305.
Pileolated, 367.
Pine, 115, 178, 203.
Prairie, 89, 203, 295, 358.
Prothonotary, 3, 5, 11, 144, 202, 292.
Swainson, 144, 292.
Sycamore, 144.
Tennessee, 5, 43, 52, 82, 420, 217, 293.
Western Yellow, 267.
Wilson, 6, 11, 204.
Worm-eating, 2, 3, 7, 202, 293, 399.
Yellow, 4, 5, 44, 52, 144, 203, 212, 294, 305, 412.
Yellow Palm, 203.

- Warbler, Yellow-throated, 130, 203, 358.
- Warbler, The, a Magazine of American Ornithology, 230.
- Warren, Edward R., Cassin's Sparrow in Colorado, 417.
- Water-Thrush, 7, 203, 395, 399, 418. Grinnell, 178.
Louisiana, 7, 203, 295, 419.
- Waxwing, Cedar, 39, 51, 55, 375.
- Wayne, Arthur T., notes on certain birds taken or seen near Charleston, South Carolina, 395-400; the California Partridge (*Callipepla californica*) in Los Angeles County, Cal., 410; a rare plumage of the Ivory-billed Woodpecker (*Campyphilus principalis*), 414; the Orange-crowned Warbler (*Helminthophila celata*) a winter resident of South Carolina, 317; the Black-fronted Warbler (*Dendroica auduboni nigrifrons*) in southern California, 419.
- Wheatear, 315.
- Wheelock, Irene G., regurgitative feeding of nestlings, 54-71.
- Whimbrel, 136, 139.
- Whip-poor-will, 29, 40, 44, 48, 200.
- Widgeon, 321.
European, 76, 206.
- Willet, 208, 353.
- Wilsonia canadensis, 6, 10, 178, 186, 204, 299.
mitrata, 5, 85, 144, 298.
pusilla, 6, 11, 204, 299.
pusilla pileolata, 299, 367.
- Wolcott, Robert H., Nelson's Sparrow in Nebraska, 210. See also Bruner, Lawrence.
- Wood, J. Claire, Parula Warbler and Short-billed Marsh Wren, 212; Michigan randoms, 216; nesting of Henslow's Sparrow in St. Clair Co., Michigan, 416; some Wayne County, Michigan, notes, 422.
- Wood, Norman A., some new and rare bird records for Michigan, 175-178
- Wood, Norman A., and Earl H. Frothingham, notes on the birds of the Au Sable Valley, Michigan, 39-54.
- Woodcock, American, 28, 44, 46, 199, 303.
- Woodhouse, Samuel W., biographical notice of, 104-106.
- Woodpecker, Arctic Three-toed, 40, 44, 47, 80.
Blake, 126.
Cabanis, 365, 383.
Downy, 43, 44, 47, 142, 155, 200, 286.
Hairy, 43, 44, 47, 115, 133, 200.
Ivory-billed, 111, 155, 287, 414.
Maynard, 355.
Northern Hairy, 177.
Northern Pileated, 44, 46, 414.
Nuttall, 383.
Nye, 355.
Pileated, 29, 142, 155, 200, 287.
Red-bellied, 142, 155, 200, 287, 304.
Red-headed, 43, 44, 46, 80, 287.
Southern Hairy, 142.
Southern White-headed, 383.
Texan, 14.
Williamson, 68.
Yellow-bellied, 47, 200, 304.
- Woodruff, Edward Semour, notes from northwestern Connecticut, 420.
- Woodstar, Bahama, 127, 355.
- Wren, 263.
Bewick, 336.
Cactus, 15.
Cañon, 15.
Carolina, 145, 204, 282, 288.
Dotted Cañon, 390.
House, 30, 53, 145, 204.
Long-billed Marsh, 204, 224.
Marian Marsh, 225.
Marsh, 26.
Parkman, 390.
Rock, 390.
San Diego, 381, 390.
Short-billed Marsh, 88, 204, 211, 224.
Winter, 44, 53, 204, 305.
- Wren-Tit, Southern, 381, 391.
- Wright, Horace W., the Arctic Three-toed Woodpecker in Melrose, Mass., 80; Hudsonian Chickadee about Boston, Mass., 87; the Blue-gray Gnatcatcher in the Public Garden, Boston, Mass., 87.

- XANTHOCEPHALUS xanthocephalus*, 62.
Xema sabinii, 76, 236.
Xenopicus albolarvatus gravirostris, 383.
Xiphorhynchus, 400, 404, 437.
 flavigaster, 404.
 leucogaster, 404.
 procurvus, 404.
Xiphornis, 400, 437.
 YELLOWBREAST, 130.
 Yellow-legs, 134, 176, 199, 209.
 Greater, 122, 199, 208.
 Yellow-throat, Lesser Abaco, 359.
 Maryland, 44, 52, 144, 204, 281, 288.
 Yellow-throat, Maynard, 358.
 Northern, 305, 374.
 Tanner, 131, 358.
ZAMELODIA ludoviciana, 5, 50, 95, 202.
 melanocephala, 422.
 melanocephala capitalis, 389.
Zenaida zenaida, 123, 354.
Zenaidura macroura, 14, 37, 46, 150, 199, 354, 382.
Zonotrichia albicollis, 50, 143, 201, 313, 415.
 leucophrys, 201, 366, 420, 446.